

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
25 March 2004 (25.03.2004)

PCT

(10) International Publication Number
WO 2004/024673 A1

(51) International Patent Classification⁷: **C07C 217/72**,
225/16, 215/28, C07F 9/09, A61K 31/137, 31/661, A61P
31/00, 17/00

[DE/DE]; Rheintalstrasse 27, 79618 Rheinfelden (DE).
ZECRI, Frédéric [FR/FR]; 13A Rue de la Liberté,
F-68510 Uffheim (FR).

(21) International Application Number:
PCT/EP2003/010175

(74) Agent: **GRUBB, Phillip**; Novartis AG, Corporate Intellec-
tual Property, CH-4002 Basel (CH).

(22) International Filing Date:
12 September 2003 (12.09.2003)

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,
GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LT, LU, LV, MA, MD, MK, MN, MX, NI, NO, NZ,
OM, PG, PH, PL, PT, RO, RU, SC, SE, SG, SK, SY, TJ,
TM, TN, TR, TT, UA, US, UZ, VC, VN, YU, ZA, ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0221313.0 13 September 2002 (13.09.2002) GB
0222617.3 30 September 2002 (30.09.2002) GB

(84) Designated States (*regional*): Eurasian patent (AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE,
BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU,
IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).

(71) Applicant (*for all designated States except AT, US*): **NO-
VARTIS AG** [CH/CH]; Lichtstrasse 35, 4056 Basel (CH).

(71) Applicant (*for AT only*): **NOVARTIS PHARMA GMBH**
[AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).

Published:

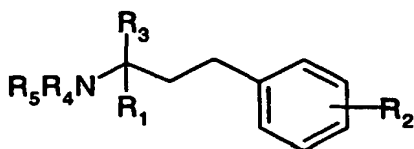
- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **BUEHLMAYER,**
Peter [CH/CH]; Hangstrasse 18, CH-4144 Arlesheim
(CH). **HINTERDING, Klaus** [DE/DE]; Lörracher-
strasse 22, 79595 Rümmlingen (DE). **SPANKA, Carsten**

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: AMINO-PROPANOL DERIVATIVES



(I)

(57) Abstract: Compounds of formula (I) wherein R₁, R₂, R₃, R₄ and R₅ are as defined in the specification, processes for their production, their uses and pharmaceutical compositions containing them.